



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 20]

नई दिल्ली, शनिवार, मई 15, 1965 (वैसाख 25, 1887)

No. 20]

NEW DELHI, SATURDAY, MAY 15, 1965 (VAISAKHA 25, 1887)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 15th May 1965

## SPECIAL NOTICE

The Annual Report on the working of the Patent office for 1963 is now on sale with the Manager of Publications, Civil Lines, Delhi and also at the Government of India Book Depot, 8, Hastings Street, Calcutta (for local sale at the counter) at the following price per copy.

"Inland—Rs. 1.10 ps.

Foreign—2 sh. 7 d. or 40 cents."

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

24th April 1965

99169. Thaker Industries (India). Improvements in or relating to a one piece back and or seat strips for tubular chairs and the like furniture.
99170. Aluminium Laboratories Limited. Removal of dross from molten metal.
99171. American Flange & Manufacturing Co. Inc. Closure assembly and combinations.
99172. Borg-Warner Corporation. Thermoelectric ice maker.
99173. M & T Chemicals Inc. Electrodeposition of nickel.
99174. M & T Chemicals Inc. New product and process.
99175. Apparaten-En Ketelfabriek Den Haag N. V. Method for arc-welding with a non-consumable rod electrode.
99176. Deering Milliken Research Corporation. Bobbin handling apparatus.
99177. Societe Fives Lille-Cail. Centrifugal separator.
99178. Oxysynthese Societe Anonyme. Process for the production of hydrogen peroxide.

26th April 1965

99179. S. S. Ponkshe. Transparent window or windows for umbrella.
99180. S. S. Ponkshe. Improvement in wind-screen wipers of automobiles.

99181. Council of Scientific and Industrial Research. Improvements in or relating to the electrolytic reduction of nitroguanidine to aminoguanidine.
99182. C. I. S. Rao. Improvements in or relating to a mill for dry and wet milling of sugar cane with modifications to suit a big mill and a farm.
99183. Worthington Corporation. Multi-zone refrigeration system and apparatus.
99184. Nee & McNulty, Inc. Method of applying protective wrapping.
99185. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble monoazo-dyestuffs and process for preparing them.
99186. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Optical brighteners.
99187. Archer Daniels Midland Company. Protein food product and process.
99188. Phillips Petroleum Company. Method and apparatus for fractionation.
99189. Stora Kopparbergs Bergslags Aktiebolag. Melting of scrap iron in a rotary furnace.
99190. Shell Internationale Research Maatschappij N. V. Emulsifiable lubricating oil compositions. (27th April 1964).
99191. Canadian Industries Limited. Textile tube. (7th May 1964).
99192. Elektrokemisk A/S. Furnace for production of metals and metal alloys with prereduction of the raw materials.
99193. Conch International Methane Limited. Spraying devices. (26th June 1964).
99194. Dorr-Oliver Incorporated. Sewage treatment and disposal.
99195. Corning Glass Works. Strengthened glass ceramics.
99196. Corning Glass Works. Strengthened glass ceramics.
99197. Gati Prasad Mukherjee. Improvements in or relating to fuel burners.
99198. H. Singh. An improved display sign.

99199. Ciba Limited. Improvements relating to the production of diene adducts.
99200. G. D. Scarle & Co. Process for the preparation of hydrazones of 1-amino-4-dibenzocycloheptenylpiperazines.
99201. Power Jets (Research & Development Limited). Improvements in or relating to pressure exchangers. (27th April 1964).
99202. Merck & Co., Inc. Process for preparing aryloxy substituted alkanolic acids.
99203. The Nash Engineering Company. Improved liquid ring compressor.
99204. Sandoz Ltd. Improvements in or relating to organic compounds.
99205. F. Stubbe. Ammunition boxes for housing fan-like assemblies of cartridges.
99206. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Benzenesulfonylsemicarbazides. [Divisional date 17th September 1962].
99207. D. Raj, S. Chand, B. Ram, K. Singh and N. Chand. Improved cleat.  
27th April 1965
99208. Orissa Cement Limited and Dr. J. Panda. Improved refractory bricks.
99209. Amar Dye-Chem Limited. Polymeric stilbene derivatives as new fluorescent brightening agents and process for the production thereof.
99210. Amar Dye-Chem Limited. Polymeric stilbene derivatives as new fluorescent brightening agents and process for the production thereof.
99211. Mrs. N. Bai. Improvements in or relating to a device for testing hardness of rubber, plastic and the like material.
99212. B. K. Chitnis. Improvements in or relating to a device for filling tablets, capsules and the like in a bottle.
99213. J. R. Geigy A. G. Process for the production of monoazo pigments.
99214. Shell Internationale Research Maatschappij N. V. A lubricating oil composition.
99215. Bexford Limited. Improvements relating to the recovery of organic compounds. (5th May 1964).
99216. Canadian Industries Limited. Low viscosity polymer with improved pigment dispersion. (27th April 1964).
99217. Imperial Chemical Industries Limited. Treatment of shaped articles. (12th May 1964).
99218. United Shoe Machinery Corporation. Improvements in or relating to material comprising collagen fibres and the manufacture thereof. [Divisional date 29th January 1964].
99219. International Business Machines Corporation. Method and apparatus for manufacturing frames.
99220. Rohm & Haas Company. Blood Purification.
99221. Corn Products Company. Process for obtaining dextrose crystals.
99222. Halcon International, Inc. Chemical process.
99223. Beteiligungs-Und Patentverwaltungsgesellschaft Mit Beschränkter Haftung. Process for production of low-sulphur iron sponge in rotary tubular kiln.
99224. Blackstone Corporation. Cast ferrous material of high magnetic permeability and method of making same.
99225. E. Merck Aktiengesellschaft. Process for the production of tablets by the pressing of powder mixtures without previous granulation.
99226. Didier-Werke AG. Firebrick with a metal jacket.
99227. Janssen Pharmaceutica N. V. Imidazo [2, 1-b] thiazoles.
99228. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Continuous removal of volatile constituents from polyamides
99229. Basic Incorporated. Refractory composition for repairing furnaces.
99230. Brown, Boveri & Company Limited. Cable end box.
99231. Jaggy & Company. Improvements in or relating to ball bearings.
99232. Ciba Limited. Basic ethers. [Divisional date 10th December 1962].
99233. Ciba Limited. Basic ethers. [Divisional date 15th February 1962].
99234. Ciba Limited. Diaryl compounds. [Divisional date 2nd November 1962].
99235. Ciba Limited. Diaryl compounds. [Divisional date 15th February 1962].  
28th April 1965
99236. Ruti Machinery Works Ltd. Device for the selective adjustment of a drop box on a weaving loom.
99237. Ciba Limited. Manufacture of new ethers of the flavanol series.
99238. Ciba Limited. Process for the manufacture of new hydroxyphenyl-triazines.
99239. F. L. Smidth & Co. A/s. Improvements in impact crushers. (29th April 1964).
99240. Consolidation Coal Company. Process for the hydrocracking of hydrocarbonaceous materials. (29th April 1964).
99241. Gray Tool Company. Clamp.
99242. Ciba Limited. Manufacture of dimeric flavanols.
99243. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to semiconductor devices.
99244. Blackstone Corporation. Method and apparatus for feeding additive material to a cupola.
99245. Veb Elektrowarme Sornewitz. Arrangement for securing electric heating resistances with micanit insulation to the base plate of electric irons.
99246. American Machine & Foundry Company. Welding assemblies of elongated members.
99247. Trustees of Tufts College. Improvements in or relating to method of preparing 6, 6-ethylene-testosterones.
99248. G. Giori. Wiping device for steel or copper-plate printing machines of the mono-chromic and polychromic types.
99249. Corning Glass Works. Sheet forming method and apparatus.
99250. Marchon Products Limited. Improvements in the manufacture of alkali metal phosphates. (4th May 1964).
99251. Borg-Warner Corporation. Dual stage compressors.
99252. Dunlop Rubber Company Limited. Improvements relating to flexible sheet material. (9th May 1964).
99253. Rohm & Haas Company. Heterocyclic compounds.
99254. Sperry Rand Corporation. Holding circuit.
99255. Indian Textile Accessories Company. A frame for weaving loom healds.  
29th April 1965
99256. Biren De. Power transmission unit with stepless variable input-output speed ratio.
99257. Mrs. Subaidha Rahim. Method of giving longer life to plucked fresh mangoes.
99258. The Sigma Steel Industries (Regd). Improvements in or relating to a sprayer.
99259. Ess Ess Kay Engineering Company Private Limited. Piano type switch.
99260. O. P. Singhanian. A pop gun.
99261. P. E. Natarajan. A ready reckoner for calculation of leave.
99262. Ciba Limited. Manufacture of new aminomethyl compounds.

99263. Deering Milliken Research Corporation. Drafting arrangement.
99264. The Pyrene Company Limited. Improvements in painting metal surfaces. (30th April 1964).
99265. Standard Telephones and Cables Limited. Semiconductor device and assembly method.
99266. Ciba Limited. Saturated basic ethers. [Divisional date 15th February 1962].
99267. Ciba Limited. Saturated basic ethers. [Divisional date 14th December 1962].
99268. Ciba Limited. Manufacture of aminomethyl-compounds.
99269. Algemene Kunstzijde Unie N. V. An apparatus for unwinding yarn over the end of a yarn package.
99270. J. R. Geigy A. G. Process for the pigmenting of high molecular organic products.
99271. Allis-Chalmers Manufacturing Company. Improved electric motor control system.
99272. Abbott Laboratories. Improvements in sealed feeding bottle assembly.
99273. M & T Chemicals Inc. Novel technique.
99274. M & T Chemicals Inc. Process for preparation of organotin compounds.
99275. M & T Chemicals Inc. Method of alloy plating.
99276. M & T Chemicals Inc. Novel plating process and compositions.
99277. M & T Chemicals Inc. Preparation of organotin compounds.

30th April 1965

99278. The British Drug Houses Limited. Organic compounds. (3rd June 1964).
99279. F. R. Cruz. An improved model of pendulum suspension centrifuge/hydroextractor features.
99280. Eastman Kodak Company. Photographic apparatus.
99281. Research Institute for Medicine and Chemistry, Inc. Chemical process. (15th May 1964).
99282. Imperial Chemical Industries Limited. Treatment of shaped articles. (8th May 1964).
99283. Rexall Drug and Chemical Company. Flame retardant compositions and process for improving the flame retardancy of polymers.
99284. Joshi Engineers. Grabs.
99285. Ciba Limited. Manufacture of dimeric flavonols.
99286. The Plessey Company Limited. Improvements in or relating to thermoelectric devices. (1st May 1964).
99287. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Benzenesulfonyl semicarbazides and compositions containing the same. [Divisional date 20th August 1962].
99288. Hydrocarbon Research Inc. Hydrogenation of oils.
99289. Veb Farbenfabrik Wolfen. Process for the production of foamed synthetic resins. [Addition to No. 87443].
99290. N. V. Philips Gloeilampenfabrieken. Condensation products of aldehydes or ketones with 2-cyano-3-methyl-crotonic acid or functional derivatives thereof. [Divisional date 10th August 1962].
99291. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing ceramic articles.
99292. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric discharge tubes having an insulating body provided with perforations accommodating current-supply wires and supporting wires.

#### Alteration of Date

90375. The claim to priority date 23rd October 1962 has been abandoned and the application dated as of 18th October 1963, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

88677. R. N. Kher, C. L. Kher and Smt. Amber Kaur. Air cooler. Accepted on 29th March 1965.

*Comprises a cabinet having inclined side walls comprising trays having removable frames provided with a twine having capillary action, the third wall having an opening for discharge of cooled air.*

88852. S. Balaram and K. V. Narayanamurthy. An electro-mechanical device for increasing the speed of transmission of printed languages Accepted on 10th April 1965.

*An electromechanical device for increasing the speed of transmission of printed languages when printing telegraph channels based either on the start-stop or synchronous principles are used, without any consequent increase in the modulation rate.*

89035. E. I. du Pont de Nemours and Company. A process for polymerizing lactam. Accepted on 22nd April 1965.

*A process for polymerising a lactam to a polyimide in the presence of a basic catalyst and a novel co-catalyst.*

89038. E. I. du Pont de Nemours and Company. Improved catalyst system method of its preparation, polymerisation process employing said catalyst system and products so produced. Accepted on 22nd April 1965.

*A process for preparing foamed polycaprolactam in the presence of a lactam base salt catalyst and a co-catalyst and a blowing agent is characterized in that the blowing agent is an allylic azide.*

89053. N. Kumar. Improvements in or relating to hand driven knitting machine. Accepted on 23rd April 1965.

*Characterised in that sinkers are pressed down by a spring and move up and down against a wire as a pivot to said sinkers.*

89194. Alpha Research Corp. Improvements in ventilating cushions and making same. Accepted on 28th April 1965.

*Comprising rows of coils arranged parallel to the face of spacer and coated by a non metallic material and means enlarging the bearing area of the coils adjacent to said face comprising extensions.*

89195. Alpha Research Corp. Improvements in coiled wire units for ventilating spacers and method of making the same. Accepted on 28th April 1965.

*Comprising a first set of coiled wire rows, a second set of coiled wire arranged in perpendicular direction to first, the crests and valleys of the coils being indented towards the axes of said indents.*

89282. Vapor Corporation. Burner assembly, and combustor incorporating the same. Accepted on 28th April 1965.

*A fuel nozzle, an air register surrounding the discharge end of the fuel nozzle, the air register defining a plurality of louvered openings for supplying air to and controlling the supply of air to the burner assembly and a stabilizing core.*

89389. Reyonier Incorporated. Cellulose alkoxy ether fibrillar product and process for its production. Accepted on 26th April 1965.

*Cellulose ethoxy ether product capable of forming stable dispersion in water.*

89498. Polysius G.M.B.H. A grinding and drying process and tube mill for performing the same. Accepted on 24th April 1965.

*Drying and grinding processes work independently in two compartments of tube mill gas introduced in drying compartment leaves without entering grinding compartment.*

89675. W. R. Patil. Improvements in or relating to the production of salts. Accepted on 29th April 1965.

*Characterised in the step of covering the ridges or bunds and the beds of salt pans by means of water proof sheetings.*

89725. V. D. Roosa. Fuel pump. Accepted on 27th April 1965.

*The transfer pump comprises a hub rotating in a surrounding bore about an axis which is eccentric with respect to the axis of the bore, such rotor having at least one diametral slot for slidably receiving a pumping vane.*

90022. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of packages of phosphorous-containing compounds. (18th July 1963). Accepted on 29th April 1965.

*Characterised by using polyvinyl chloride without plasticiser as the packaging material.*

90144. Farbenfabriken Bayer Aktiengesellschaft. Process for dyeing and padding hydrophobic materials. (15th July 1963). [Addition to No. 83141]. Accepted on 5th April 1965.

*Treating condensation product of aromatic amines with aliphatic aldehydes containing one water solubilising group and with  $\beta$  (a) quinones or (b) N-halogeno-quinonimines.*

90203. Rockwell-Standard Corporation. Floating cam brake with oppositely thick and thin brake shoe linings. Accepted on 9th April 1965.

*Comprising in providing an extremely thick lining on the forward shoe and a correspondingly thinner lining on the rear shoe for a brake having a floating cam.*

90325. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble disazo-dyestuffs and process for preparing them. Accepted on 15th April 1965.

*Tetrazotised compound of 4:4'-diamino-disulphonic acid with optional substituents is coupled with 3-alkyl-1- (4'- $\beta$ -hydroxyethyl-sulfonylphenyl)-pyrazolone-(5).*

90353. Johnson & Johnson. A highly polymeric, non-fluid, cured, coating composition. Accepted on 17th April 1965.

*Comprising the resultant of a mixture of methane prepolymer, and a polymerisation catalyst therefor.*

90375. K. B. E. Hansen. Nail driving device. Accepted on 19th April 1965.

*The triggering device being made in such a way that it can be actuated only when the cylinder housing via the handle has been subjected to a certain minimum force in the direction of the nozzle, the bore of the cylinder housing being provided with a number of exhaust holes.*

90379. Dr. R. D. Desai, Miss Sharmishta Kasturbhai Dalal, A. R. Parikh and A. D. Shah. Manufacture of new fluorescent brightening

agents from 4:4'-diamino-stilbene-2:2'-disulphonic acid. Accepted on 19th April 1965.

*Comprises first reacting an aqueous solution of two molecules of a sodium salt of m-sulphonilic acid, p-sulphanilic acid, naphthionic acid of 2-naphthylamine-6-sulphonic acid with two molecules of cyanuric chloride at 0°C and then with an aqueous solution of one molecule of a disodium salt of 4:4'-diaminostilbene-2:2'-disulphonic acid at 25°C, and finally with two molecules of aniline, substituted anilines, naphthylamine, substituted naphthylamines, ethanolamine, diethanolamine, morpholine, piperidine, 2-amino pyridine or benzyl amine at 60°C.*

90445. Reifenhauser K. G. Device for continuous extrusion moulding of shaped bodies with a plastic-form core and a case of thermoplastic material. Accepted on 22nd April 1965.

*Characterised in that the nozzle for extrusion of the thermoplastic material is designed in a way known per se as a slit nozzle with extrusion slits arranged in the outline of a flat prism and that a box shaped sizing device, which is known per se, is arranged immediately behind the extrusion head.*

90455. Esco Corporation. Excavating tooth having improved locking device. Accepted on 22nd April 1965.

*Characterised in key comprising an elongated body having a corrugated surface parallel to key length and providing projections recesses arranged transversely.*

90464. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to new compounds for combating harmful organisms. Accepted on 22nd April 1965.

*Reacting corresponding phenols or phenolates with a chlorobutyric acid.*

90483. United Aircraft Corporation. Gaseous sealing means in an apparatus for working materials by a beam of charged particles. Accepted on 23rd April 1965.

*Generating a beam of charged particles in a low pressure region, directing the said beam against a material to be worked positioned in a higher pressure region and producing a flow of pressurized sealing gas between these two regions.*

90491. D. R. Prakash. Improved cabinet or almirah. Accepted on 29th April 1965.

*The rear side of the cabinet or almirah is also provided with doors or shutters, so that each side opening can be operated independently.*

90534. Indian Oxygen Limited. Sealing compound for use in systems containing gaseous or liquid oxygen. (1st November 1962). Accepted on 29th April 1965.

*Comprising a polymerised fluorinated hydrocarbon blended with a minor amount of finely divided inert inorganic filter material, the polymerised fluorinated hydrocarbon consisting of not less than 67% by weight of the sealing compound.*

90539. United States Steel Corporation. Method and apparatus for preparing powdered coal for injection into a blast furnace. Accepted on 29th April 1965.

*Drying and sizing powdered coal to enable it to be injected into the tuyeres of a blast furnace as replacement for coke.*

90541. American Flange & Manufacturing Co. Inc. Polygonal lightweight closure elements and assemblies. Accepted on 27th April 1965.

*The neck has a first outwardly and upwardly extending portion of container wall material, a doubled over second portion extending outwardly and upwardly from said curved portion in frusto-conical form and an interior surface formed on said first portion having polygonal cross-sectional configuration.*

90542. Aktiebolaget Bofors. Protective cap arranged on movable objects, such as e.g. projectiles. Accepted on 24th April 1965.

*Protective cap being held in place by a shatterable material shattered at the impact of the movable object against a medium with greater density.*

90548. Institut Francais Du Petrole, Des Carburants Et Lubrifiants., and compagnie Generale De Geophysique Vibrator. Accepted on 29th April 1965.

*Comprising a pulsing plate, an upper plate bearing on wedge-shaped members supported by the pulsing plate and a plurality of vibration generators of reciprocating motion.*

90570. Klockner-Humboldt-Deutz Aktiengesellschaft. A flotation device. (12th December 1962). Accepted on 24th April 1965.

*Comprises an agitator in the lower part of the tank and means for supplying air towards the agitator.*

90574. Council of Scientific and Industrial Research. A process for the preparation of di muscone. Accepted on 26th April 1965.

*4-methyl cyclohexanone is condensed with ethyl-9-aldehydononanoate in the presence of a catalyst and the condensation product is dehydrated, hydrogenated, esterified and finally cyclised.*

90612. The Dow Chemical Company. Pyridyl phosphorus compounds. Accepted on 24th April 1965.

*A halopyridyl phosphorodichloridate or phosphorodichloridithioate is reacted with an alkali metal alcoholate or ammonia or a lower alkylamine.*

90639. The Firestone Tire & Rubber Company. Tire rim. Accepted on 23rd April 1965.

*Providing a rim having a trough-shaped valve end trap and guide adjacent the valve slot.*

90668. Aktiebolaget Svenska Flaktfabriken. A ventilator for air or other gaseous medium. Accepted on 24th April 1965.

*The tapered valve body having a relatively long length in relation to its mean cross-section dimension, and elements necessary for supporting and displacing the valve body being disposed at the valve front plate.*

90752. AMP Incorporated. Improvements in electrical contact panel assemblies or pinboards. Accepted on 26th April 1965.

*Comprises panel means of insulating material mounted to frame and have plug apertures and locking means.*

90852. Minister of Aviation in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Ireland. Improvements in or relating to arrester gear for aircraft. (23rd November 1962). Accepted on 24th April 1965.

*Having a breakable tie extending the length of the barrier and almost centrally of the main cables and attached to the vertical straps of arrester barrier.*

90858. Hitachi Ltd. Operational magnetic amplifier. Accepted on 26th April 1965.

*Comprising a magnetic amplifier, an input impedance and a smoothing circuit.*

90913. The Standard Oil Company. A process for preparing nitriles such as acrylonitrile. (11th October 1963). Accepted on 27th April 1965.

*Contacting reactant mixture of monoolefin  $CH_2=C(R)-CH_3$ ; ammonia and oxygen with fluidised solid catalyst at above  $550^\circ C$  at atmospheric pressure.*

90923. Siemens-Schuckertwerke Aktiengesellschaft. A process for the production of a doped zone in a body of semi-conductor material. Accepted on 27th April 1965.

*Comprises doping material incorporated in an oxide of the semiconductor material, and*

*subsequently heating the body and layer at a temperature greater than  $1000^\circ C$ , in the presence of air, so that the doped zone is produced by diffusion of the doping material from the layer.*

90924 Metallgesellschaft A. G. Process for hard-burning of pellets of oxide iron ores. Accepted on 26th April 1965.

*Green pellets are subjected to heat treatment for 4 to 6 minutes, charge is heated up by hot gases and finally the charge is cooled by passing cooling gases through it.*

90998. Aseptofone Company of Canada Limited. Anti-septic capsule for a telephone mouthpiece. (26th November 1962). Accepted on 29th April 1965.

*Comprises a shell, adhesive means on said external shell, the shell having two perforated walls and a solid or antiseptic material within it.*

91001. Imperial Chemical Industries Limited. Improvements in and relating to the production of methylal esters. Accepted on 30th April 1965.

*Contacting isobutene with palladium salts and carboxylate ions in carboxylic acid at  $100-200^\circ C$ .*

91002. Imperial Chemical Industries Limited. Process for converting a saturated or aliphatic or an aromatic aldehyde to an ester. Accepted on 30th April 1965.

*Contacting aldehyde with saturated aliphatic alcohol in presence of palladium salt.*

91014. Mitsui Petrochemical Industries Ltd. A process for purifying a lower alkyl ester of a phthalic acid. Accepted on 27th April 1965.

*A lower alkyl ester of a phthalic acid containing an ester of formylbenzoic acid is treated with molecular oxygen in the presence of chromium and nickel compounds as catalyst and the reaction product is thereafter distilled to separate the said alkyl ester.*

91023. N. V. Onderzoekingsinstituut Research. Improvements in and relating to yarn packages. Accepted on 22nd April 1965.

*Wherein all reversing points obtained as a result of traversing are positioned inside the package portion between inner and outer portions.*

91111. P. C. Jain, C. M. Jain, A. K. Jain and D. K. Jain. Single shift mechanical bank-indicator. Accepted on 22nd April 1965.

*Comprises a metallic box, casing, a worm shaft connected through a central shaft with the delivery roller and four calibrated wheels.*

91112. P. C. Jain, C. M. Jain, A. K. Jain and D. K. Jain. Multiple shift mechanical bank-indicator. Accepted on 23rd April 1965.

*Comprises a metallic case enclosing a threaded shaft, pinions imparting motion to four calibred wheels through two clutch wheels and a knob.*

91147. Shell Internationale Research Maatschappij N. V. Process for the hydrogenative cracking of hydrocarbon oils and hydrocarbon oil and hydrocarbon oil mixtures so prepared. Accepted on 30th April 1965.

*Contacting oil with hydrogen with catalyst comprising metal of group IVB and acid-acting support=50-90% by weight of silicon oxide and 50-10% of  $Al_2O_3$ , MgO and ZrO and/or Borium oxide.*

91251. Chemical Construction Corporation. Urea synthesis process. Accepted on 27th April 1965.

*Reacting ammonia and carbon dioxide at superatmospheric pressure and recycling the unconverted reactants as an off-gas from lower pressure levels to higher pressure levels.*

91269. Phillips Petroleum Company. Process for polymerizing a conjugated diene. Accepted on 24th April 1965.

*Adding to the polymerisation mixture as a short stopping agent peroxide.*

92188. Sperry Rand Corporation. Shifting register. Accepted on 29th April 1965.

*Having each of the circuits including a bistable element for at least temporarily storing electrical signals and informations represented thereby, and the circuits are connected and adapted for the shifting of the information therein to adjacent circuits.*

91332. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to arrangements for converting an information signal, particularly a measuring signal, into a group of pulses characteristic of the value of the information signal. Accepted on 26th April 1965.

*Comprising a pulse modulator, a pulse generator, a low pass filter, a subtraction device, a recording device in the form of a counting device and a start-stop circuit.*

91653. Inventa A. G. Fur Forschung Und Patentverwertung. Process for preparing polydodecalactam of high molecular weight and articles made thereof. Accepted on 27th April 1965.

*Comprises polymerizing  $\omega$ -dodecalactam at a temperature above 300°C in the presence of phosphoric acid.*

91689. Standard Telephones and Cables Limited. Improvements in telephone switching systems. Accepted on 28th April 1965.

*Comprising a plurality of groups of matrices path selecting means comprising nodes and control means for selecting and identifying particular ones of nodes.*

91862. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to high-frequency furnaces for high-frequency heating by means of ultra-high frequencies. Accepted on 28th April 1965.

*The ultra high frequency generators are applied to the wave guide system through additional folded wave guide.*

91977. VEB Kabelwerk Meissen. Telephone box for telecommunication cables. Accepted on 27th April 1965.

*The halves of the inlet socket which hold the cable are in shape of cup-shaped half-shells the division of the cup-shaped half-shell being extended in the cover.*

92132. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. A process for producing improved constructional materials. Accepted on 27th April 1965.

*Soil structures, Components or materials are treated with acrolein polymer.*

92232. Montecatini Società Generale Per L'Industria Mineraria E Chimica. Process for vulcanizing compositions based on olefinic polymers and copolymers. Accepted on 27th April 1965.

*A saturated amorphous ethylene- $\alpha$ : $\alpha$ -olefin copolymer is mixed with a reinforcing filler, a cross-linking agent comprising  $\alpha$ : $\alpha'$ -bis (tert, butyl-peroxy)- para-diisopropylbenzene and an anti-blooming substance and the total mix is then vulcanised at 120 to 230°C.*

98380. Institut Fur Glastechnik. Method of and device for the fabrication of foam glass. Accepted on 12th March 1965.

*Characterised in that the cooling of the foam mass begins before the mould is filled with foam, the volume increase of the mass continues is compensated through continuation of gas development in hot foam zones in the interior of the mass.*

### Patents Sealed

84926.	85550.	86018.	86068.	86223.	86230.	86258.
86280.	86282.	86285.	86421.	86770.	87125.	87189.
87228.	87257.	87277.	87302.	87313.	87346.	87348.
87250.	87375.	87376.	87384.	87400.	87431.	87433.
87438.	87450.	87451.	87457.	87474.	87476.	87482.
87486.	87510.	87529.	87537.	87539.	87556.	87562.
87565.	87571.	87572.	87593.	87621.	87624.	87628.
87632.	87635.	87641.	87653.	87654.	87655.	87664.
87669.	87679.	87682.	87687.	87692.	87693.	87709.
87720.	87747.	87761.	87769.	87771.	87772.	87788.
87869.	87870.	87874.	87929.	87980.	88002.	88022.
88023.	88124.	88158.	88182.	88187.	88222.	88259.
88307.	88340.	88376.	88429.	88485.	88588.	88607.
88610.	88624.	88703.	88753.	88821.	88927.	88928.
88955.	89100.	89348.	89397.	89401.	89439.	89711.
89733.	89869.	89884.	89888.	89962.	89965.	90311.
90350.	90393.	90408.	90504.	90648.	90649.	90650.
90756.	91454.					

### Amendment Proceedings

#### (1)

Notice is hereby given under Section 17 of the Indian Patent and Designs Act, 1911, that Monsanto Chemical Company, a Corporation of the State of Delaware, United States of America, 800 North Lindbergh Boulevard, City of St. Louis, Missouri, U.S.A. seek leave to amend the name of the applicants in the application and specification in respect of Patent application No. 88014. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### (2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Badische Anilin & Soda-Fabrik Aktiengesellschaft, a Joint Stock Company organised under the Laws of the Federal Republic of Germany, of Ludwigshafen/Rhein, Federal Republic of Germany, seek leave to amend the application and specification in respect of Patent application No. 89010. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

### Renewal Fees Paid

43205.	45040.	45042.	45161.	45467.	45771.	47281.
47343.	47344.	47345.	47346.	47490.	47552.	48996.
49302.	49393.	49447.	49454.	49524.	49555.	49632.
49719.	49841.	49914.	50069.	51275.	51601.	51613.
51819.	51821.	51822.	51835.	51919.	51938.	51939.
51957.	51997.	52108.	52185.	52271.	52377.	52396.
52609.	53407.	54080.	54122.	54304.	54394.	54405.
54430.	54433.	54447.	54488.	54527.	54563.	54608.
54657.	54671.	54767.	54913.	54914.	54990.	55194.
55195.	55196.	55287.	55373.	56159.	57019.	57037.
57143.	57159.	57208.	57214.	57267.	57289.	57352.
57470.	57487.	57688.	57689.	57707.	57721.	57891.
58381.	58716.	59812.	60118.	60226.	60299.	60304.
60393.	60410.	60483.	60492.	60515.	60531.	60577.
60632.	60693.	60949.	60956.	61027.	61051.	61103.
61283.	61415.	62408.	62651.	63074.	63769.	63865.
63873.	63880.	63910.	63921.	63937.	63958.	64008.
64028.	64029.	64079.	64088.	64125.	64144.	64151.
64233.	64311.	64571.	64623.	64654.	64790.	65171.
66964.	67183.	67390.	67430.	67449.	67476.	67525.
67547.	67558.	67559.	67560.	67565.	67569.	67583.
67599.	67611.	67614.	67664.	67693.	67706.	67707.

67735. 67778. 67798. 67839. 67840. 67868. 67939.  
 67856. 67991. 67993. 68375. 68412. 68413. 68414.  
 68447. 68456. 68564. 68700. 68805. 69763. 70875.  
 71074. 71607. 71650. 71686. 71692. 71706. 71719.  
 71741. 71747. 71772. 71776. 71777. 71778. 71780.  
 71785. 71786. 71805. 71809. 71830. 71844. 71840.  
 71911. 71916. 71936. 72094. 72103. 72232. 72250.  
 71411. 72473. 72541. 72634. 72651. 72663. 72847.  
 75381. 76335. 76372. 76407. 76444. 76445. 76486.  
 76512. 76520. 76529. 76534. 76540. 76553. 76566.  
 76635. 76643. 76647. 76673. 76690. 76743. 76745.  
 76766. 76782. 76786. 76812. 76842. 76916. 77087.  
 77165. 77201. 77245. 77250. 77256. 77262. 77338.  
 77552. 77553. 77554. 77768. 77774 77795. 77883.  
 77884. 77993. 78028. 78063. 79310. 79340. 80916.  
 81889. 81982. 82145. 82244. 82289. 82419. 82420.  
 82952. 82966. 88976.

### Restoration Proceedings

#### (1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following Patent:—

No. 61861—Ratilal Jekisandas.

The patent ceased on the 26th September 1964, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 16th January 1965. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 26-6-1965.

#### (2)

An order has been made on the 6th April 1965 restoring the patent No. 51102 dated as of the 20th January 1954, granted to Harilal Narottam Contractor for "improvements in gears for use in automatic cop-changing shuttles of textile looms".

#### (3)

An order has been made on the 6th April 1965, restoring the patent No. 70176 dated as of the 26th December 1959 granted to Harilal Narottam Contractor for "Shuttles and also process and means for the manufacture thereof".

### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 123676. International Business Machines Corporation, a corporation organised and existing under the laws of the State of New York, United States of America, Armonk, New York 10504, State of New York, United States of America, "A computer console", April 7, 1964 (United Kingdom).

Class 1. No. 123732. Sperry Rand Corporation, a corporation organized and existing under the laws of the State of Delaware, 1290 Avenue of the Americas, New York 19, New York, United States of America, "Desk calculator", October 17, 1964.

Class 1. No. 124015. Bhudeo Prashad Sharma, Barai Street, P.O. Aligarh (U.P.), Nationality Indian, "Hasp with lock", November 16, 1964.

Class 1. No. 124043. Ramesh Chandra Sharma, Sri Ram Mandir, Dubey Ka Parao, G. T. Road, P.O. Aligarh (U.P.), Nationality Indian, "Electric blower and suction cleaner", November 24, 1964.

Class 1. No. 124128. Shree Prasad, Indian Subject, 'Niketan', 1161/2, Shivaji Nagar, Poona-5, State of Maharashtra, India, "A brush", November 30, 1964.

Class 1. No. 124366. Bengal Scientific Technical Works Private Limited, a Private Limited Company duly incorporated under the Indian Companies Act, 1913, 20/3, Aswini Dutta Road, Calcutta-29, West Bengal, "Incandescent gas lamp", December 30, 1964.

Class 3. No. 123519. Shivandas Bakhtmal Bindrani, Room No. 12, New Building, M. J. Phule Market, Bombay-1, Maharashtra, an Indian, "Electric switches", September 21, 1964.

Class 3. No. 123739. Javeri & Company, Indian Partnership Concern, 77, Jawahar Nagar, Goregaon (W. Rly.), Bombay, Maharashtra, "Electric plugs", October 19, 1964.

Class 4. No. 124320. Orissa Industries Limited, P.O. Barang, District Cuttack, Orissa, India, an Indian Company, "A refractory brick", December 16, 1964.

Class 13. Nos. 124191 to 124194 and 124196 to 124206. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay 1, Maharashtra, Nationality-Indian Company, "The textile goods", December 8, 1964.

Class 13. Nos. 124238, 124241, 124243 to 124247, 124249, 124253 and 124266 to 124269. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, Maharashtra State, "textile goods", December 15, 1964.

Class 13. Nos. 124705, 124707 to 124716 and 124718 to 124724. Kesoram Industries & Cotton Mills Limited, Indian Company, 42, Garden Reach Road, Calcutta-24, "Textile goods", February 2, 1965.

Class 14. No. 124195. The Crown Spinning & Manufacturing Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay-1, Maharashtra, Nationality-Indian Company, "The textile goods", December 8, 1964.

A. JOGARAO

Controller General of Patents,  
 Designs and Trade Marks

